

QY 121 DVMCTAFHNDNEETFLKTYIETIARRHPYFAPBELLFPAKRYKAFTTECCQAADKAACILP 180  
 DB 121 DVMCTAFHNDNEETFLKTYIETIARRHPYFAPBELLFPAKRYKAFTTECCQAADKAACILP 180  
 QY 181 KLDELDEGKASSAKORLKASLOKFGGERAFKAMAVARLSQRFPAEFAEVSKLVTDLTK 240  
 DB 181 KLDELDEGKASSAKORLKASLOKFGGERAFKAMAVARLSQRFPAEFAEVSKLVTDLTK 240  
 QY 241 VHTCECHGDLLECADDRAIDLAKYICENODSISIKLECECKPILKESHCIAEVENDEMPA 300  
 DB 241 VHTCECHGDLLECADDRAIDLAKYICENODSISIKLECECKPILKESHCIAEVENDEMPA 300  
 QY 301 DLPSLAADFVESKDVCKNNAEAKDVFLGMFLYEYARRHPDYSVLLRLAKTYETTLK 360  
 DB 301 DLPSLAADFVESKDVCKNNAEAKDVFLGMFLYEYARRHPDYSVLLRLAKTYETTLK 360  
 QY 361 CAADPHCEYAKVFEDEKPLVEEPONLIKONCELFQOLGEYKFNALLVRYTKKPVYST 420  
 DB 361 CAADPHCEYAKVFEDEKPLVEEPONLIKONCELFQOLGEYKFNALLVRYTKKPVYST 420  
 QY 421 PTLVEYSRLGKVGSKCKHPEAKRMPCAEDYLSVNLQOLVLEHKTPTVSDRYTKCTES 480  
 DB 421 PTLVEYSRLGKVGSKCKHPEAKRMPCAEDYLSVNLQOLVLEHKTPTVSDRYTKCTES 480  
 QY 481 LVNRRPCEFSALVEDETVYKPEFNAETFTFHADICTLSEKEROIKKOTALVELVYKHPKAT 540  
 DB 481 LVNRRPCEFSALVEDETVYKPEFNAETFTFHADICTLSEKEROIKKOTALVELVYKHPKAT 540  
 QY 541 KEOLKAVMDPFAAFVEKCKKADKCTCFABEGKKLVASQAALGL 585  
 DB 541 KEOLKAVMDPFAAFVEKCKKADKCTCFABEGKKLVASQAALGL 585

W097P4445

RESULT 5  
 AAO20111  
 ID AAO20111 standard; Protein: 585 AA.  
 AC AAO20111;  
 DF 06-AUG-2002 (first entry)  
 XX HSA protein sequence related to the growth hormone protein.  
 DE HSA protein sequence related to the growth hormone protein.  
 KW Serum albumin-growth hormone fusion protein; growth hormone;  
 KM Down's syndrome.  
 OS Unidentified.  
 XX  
 PN KR9076789-A.  
 PD 15-OCT-1999.  
 PF 25-JUN-1998; 98KR-0704914.  
 XX  
 PR 30-DEC-1995; 95GB-0026733.  
 PR 19-DEC-1996; 96WO-GB03164.  
 PA (DEL2 ) DELTA BIOTECHNOLOGY LTD.  
 DR WPI: 1997-363680/55.  
 DR N-PSDB: AAK99568.  
 PT Serum albumin-growth hormone fusion protein - useful to treat growth  
 PT hormone related diseases, e.g. Down's syndrome  
 XX  
 PS Disclosure: Fig 6; 21pp; Korean.  
 CC The invention relates to a serum albumin-growth hormone fusion protein -  
 CC useful to treat growth hormone related diseases such as Down's syndrome.  
 CC This sequence represents a HSA protein related to the serum albumin-  
 CC growth hormone protein of the invention.  
 585 AA;

Query Match 100.0%; Score 3103; DB 18; Length 585;  
 Best Local Similarity 100.0%; Pred. No. 1e-254;  
 Matches 585; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 DAHSEVAHRFKDGEENFKALVIAFAOYLQOCPPEDHVKLVNEVTEFAKTCVADESAG 60  
 DB 1 DAHSEVAHRFKDGEENFKALVIAFAOYLQOCPPEDHVKLVNEVTEFAKTCVADESAG 60  
 QY 61 NCDKSLHTLFEGDKLCTVATLRETYGMAOCCAKOBERNECFLQHDNDPNLPRIVREPV 120  
 DB 61 NCDKSLHTLFEGDKLCTVATLRETYGMAOCCAKOBERNECFLQHDNDPNLPRIVREPV 120  
 QY 121 DVMCTAFHNDNEETFLKTYIETIARRHPYFAPBELLFPAKRYKAFTTECCQAADKAACILP 180  
 DB 121 DVMCTAFHNDNEETFLKTYIETIARRHPYFAPBELLFPAKRYKAFTTECCQAADKAACILP 180  
 QY 181 KLDELDEGKASSAKORLKASLOKFGGERAFKAMAVARLSQRFPAEFAEVSKLVTDLTK 240  
 DB 181 KLDELDEGKASSAKORLKASLOKFGGERAFKAMAVARLSQRFPAEFAEVSKLVTDLTK 240  
 QY 241 VHTCECHGDLLECADDRAIDLAKYICENODSISIKLECECKPILKESHCIAEVENDEMPA 300  
 DB 241 VHTCECHGDLLECADDRAIDLAKYICENODSISIKLECECKPILKESHCIAEVENDEMPA 300  
 QY 301 DLPSLAADFVESKDVCKNNAEAKDVFLGMFLYEYARRHPDYSVLLRLAKTYETTLK 360  
 DB 301 DLPSLAADFVESKDVCKNNAEAKDVFLGMFLYEYARRHPDYSVLLRLAKTYETTLK 360  
 QY 361 CAADPHCEYAKVFEDEKPLVEEPONLIKONCELFQOLGEYKFNALLVRYTKKPVYST 420  
 DB 361 CAADPHCEYAKVFEDEKPLVEEPONLIKONCELFQOLGEYKFNALLVRYTKKPVYST 420  
 QY 421 PTLVEYSRLGKVGSKCKHPEAKRMPCAEDYLSVNLQOLVLEHKTPTVSDRYTKCTES 480  
 DB 421 PTLVEYSRLGKVGSKCKHPEAKRMPCAEDYLSVNLQOLVLEHKTPTVSDRYTKCTES 480  
 QY 481 LVNRRPCEFSALVEDETVYKPEFNAETFTFHADICTLSEKEROIKKOTALVELVYKHPKAT 540  
 DB 481 LVNRRPCEFSALVEDETVYKPEFNAETFTFHADICTLSEKEROIKKOTALVELVYKHPKAT 540  
 QY 541 KEOLKAVMDPFAAFVEKCKKADKCTCFABEGKKLVASQAALGL 585  
 DB 541 KEOLKAVMDPFAAFVEKCKKADKCTCFABEGKKLVASQAALGL 585  
 RESULT 6  
 AAY84873  
 ID AAY84873 standard; Protein: 585 AA.  
 AC AAY84873;  
 DF 08-AUG-2000 (first entry)  
 XX Amino acid sequence of a human albumin protein.  
 DE Human: albumin; ischemic state; serum protein; metal ion salt;  
 KW peroperative ischemia; ischemia; myocardial infarction;  
 KW progressive coronary artery disease.  
 OS Homo sapiens.  
 XX  
 FH Key Location/Qualifiers  
 FT Modified-site 1  
 FT /note= "optionally acetylated, and claimed under  
 FT claim 56"  
 XX W0200020640-A1.  
 XX 13-APR-2000.  
 PD 01-OCT-1999; 99WO-US22905.  
 PF  
 XX